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This advisory clarifies the appropriate use of OPW's VacuSmart and VacuChek testing equipment with Gilbarco VaporVac systems. VacuSmart and VacuChek testing equipment and procedures were approved March 3, 1997, as equivalent test procedures to TP-201.5, for the air to liquid (A/L) ratio operating range of 1.10 ± 0.10 (1.00 to 1.20), for Gilbarco VaporVac systems as described in Executive Order G-70-150-AD. Executive Order G-70-150-AE, issued July 12, 2000, modified the certification of Gilbarco VaporVac systems to include nozzles with vapor guards and lowered the A/L ratios for those nozzle types to 1.0 ± 0.10 . The VacuSmart and VacuChek units have not been approved and should not be used for the lower A/L ratio range nozzles specified in Executive Order G-70-150-AE.

The Air Resources Board staff has evaluated the VacuSmart and VacuChek testing equipment and procedures to determine equivalency to TP-201.5 with the lower A/L ratio range for Gilbarco VaporVac systems and found the testing equipment does not perform equivalently. As a result of this determination, the Air Resources Board has no technical or legal basis to allow the use of the VacuSmart and VacuChek when testing Gilbarco VaporVac systems with nozzles that require the lower A/L ratio range.

Further information regarding the Vapor Recovery program is available at the Air Resources Board vapor recovery web site at <http://www.arb.ca.gov/vapor/vapor.htm> or by contacting the Air Resources Board's Engineering and Certification Branch at (916) 327-0900. For questions on this advisory, please contact Joe Guerrero at jguerrer@arb.ca.gov or (916) 324-9487.